

Texas Education Agency Standard Application System (SAS)

2018-2019 Technology Lending		
Program authority:	General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85 th Texas Legislature; Texas Education Code Section 32.301	FOR TEA USE ONLY <small>Write NOGA ID here:</small>
Grant Period:	May 1, 2018, to August 31, 2019	
Application deadline:	5:00 p.m. Central Time, February 6, 2018	<small>Place date stamp here</small>
Submittal information:	<p>Applicants must submit one original copy of the application with an original signature, and two copies of the application, printed on one side only and signed by a person authorized to bind the applicant to a contractual agreement, must be received no later than the aforementioned date and time at this address:</p> <p style="text-align: center;">Document Control Center, Grants Administration Division Texas Education Agency, 1701 North Congress Ave. Austin, TX 78701-1494</p>	
Contact information:	Kathy Ferguson: techlending@tea.texas.gov; (512) 463-9087	

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Schedule #1—General Information

Part 1: Applicant Information

Organization name	County-District #	Amendment #	
Karnack ISD	102901		
Vendor ID #	ESC Region #		
1756001887	7		
Mailing address	City	State	ZIP Code
PO Box 259	Karnack	TX	75661
Primary Contact			
First name	M.I.	Last name	Title
Amy	B	Dickson	Superintendent
Telephone #	Email address		FAX #
903-679-3117	adickson@karnackisd.org		903-679-4252
Secondary Contact			
First name	M.I.	Last name	Title
Glenn	E	Hicks	Director of Technology
Telephone #	Email address		FAX #
903-407-9578	ghicks@karnackisd.org		9003-407-4252

Part 2: Certification and Incorporation

I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I further certify that any ensuing program and activity will be conducted in accordance with all applicable federal and state laws and regulations, application guidelines and instructions, the general provisions and assurances, debarment and suspension certification, lobbying certification requirements, special provisions and assurances, and the schedules attached as applicable. It is understood by the applicant that this application constitutes an offer and, if accepted by the Agency or renegotiated to acceptance, will form a binding agreement.

Authorized Official:

First name	M.I.	Last name	Title
Amy	B	Dickson	Superintendent
Telephone #	Email address		FAX #
903-679-3117	adickson@karnackisd.org		903-679-4252
Signature (blue ink preferred)		Date signed	


2/2/2018

Only the legally responsible party may sign this application.

Schedule #1—General Information

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Part 3: Schedules Required for New or Amended Applications

An X in the "New" column indicates a required schedule that must be submitted as part of any new application. The applicant must mark the "New" checkbox for each additional schedule submitted to complete the application.

For amended applications, the applicant must mark the "Amended" checkbox for each schedule being submitted as part of the amendment.

Schedule #	Schedule Name	Application Type	
		New	Amended
1	General Information	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Required Attachments and Provisions and Assurances	<input checked="" type="checkbox"/>	N/A
4	Request for Amendment	N/A	<input checked="" type="checkbox"/>
5	Program Executive Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Program Budget Summary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	Professional and Contracted Services (6200)	See Important Note For Competitive Grants*	<input type="checkbox"/>
9	Supplies and Materials (6300)		<input type="checkbox"/>
10	Other Operating Costs (6400)		<input type="checkbox"/>
11	Capital Outlay (6600)		<input type="checkbox"/>
12	Demographics and Participants to Be Served with Grant Funds	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	Needs Assessment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15	Project Evaluation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	Responses to Statutory Requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17	Responses to TEA Requirements	<input checked="" type="checkbox"/>	<input type="checkbox"/>

***IMPORTANT NOTE FOR COMPETITIVE GRANTS:** Schedules #8, #9, #10 and #11 are required schedules if any dollar amount is entered for the corresponding class/object code on Schedule #6—Program Budget Summary. For example, if any dollar amount is budgeted for class/object code 6200 on Schedule #6—Program Budget Summary, then Schedule #8—Professional and Contracted Services (6200) is required. If it is either blank or missing from the application, the application will be disqualified.

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Part 1: Required Attachments

The following table lists the fiscal-related and program-related documents that are required to be submitted with the application (attached to the back of each copy, as an appendix).

#	Applicant Type	Name of Required Fiscal-Related Attachment
No fiscal-related attachments are required for this grant.		
#	Name of Required Program-Related Attachment	Description of Required Program-Related Attachment
1	LEA Technology Plan Template	If an LEA does not have a 2016–2017 Technology Plan on file with TEA, it must show evidence of a current local technology plan on participating campuses by completing the LEA Technology Plan Template.

Part 2: Acceptance and Compliance

By marking an X in each of the boxes below, the authorized official who signs Schedule #1—General Information certifies his or her acceptance of and compliance with all of the following guidelines, provisions, and assurances. **Note that provisions and assurances specific to this program are listed separately, in Part 3 of this schedule, and require a separate certification.**

X	Acceptance and Compliance
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with the <u>General and Fiscal Guidelines</u> .
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with the <u>program guidelines for this grant</u> .
<input checked="" type="checkbox"/>	I certify my acceptance of and compliance with all <u>General Provisions and Assurances</u> requirements.
<input checked="" type="checkbox"/>	I certify that I am not debarred or suspended. I also certify my acceptance of and compliance with all <u>Debarment and Suspension Certification</u> requirements.

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Schedule #2—Required Attachments and Provisions and Assurances

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Part 3: Program-Specific Provisions and Assurances
☒ I certify my acceptance of and compliance with all program-specific provisions and assurances listed below.

#	Provision/Assurance
1.	The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy.
2.	The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.
3.	The applicant assures that funds provided under the Instructional Materials Allotment (IMA) or other funding are insufficient to purchase enough lending technology for every student who needs dedicated access to a device.
4.	The applicant assures that it will provide access to lending technology and residential access to the Internet for students, including economically disadvantaged students and students with disabilities, who do not already have either the needed equipment or Internet service for learning at home.
5.	The applicant understands that equipment purchased with Technology Lending Grant funds is the property of the LEA.
6.	The applicant assures that infrastructure and technical support are adequate to support students' use of loaned equipment provided through the grant at its participating campus(es).
7.	The applicant assures that it will provide adequate staff to administer the program and ensure successful implementation.
8.	The applicant assures that it will account for the technology lending equipment in accordance with district policy for accounting for such equipment, including providing insurance when insurance is typically provided for such equipment. The applicant understands that the grant funds cannot be used to replace lost, stolen, or damaged equipment.
9.	The applicant assures that it will obtain a Technology Lending Agreement signed by the parents/guardian of each participating student and by the student participating in the program, including an assurance of student's mastery of the grade-appropriate Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills.
10.	The applicant assures that it has a 2016–2017 LEA technology plan on file with TEA, or that it will show evidence of a current local technology plan on participating campuses by completing the Required Program-Related Attachment outlined on page 18 of the Program Guidelines.
11.	The applicant assures that technology lending and use of electronic instructional materials are incorporated into the LEA's technology plan.
12.	The applicant agrees to collect and report the data for the performance measures stated in the Program Guidelines under Program Evaluation. The applicant assures it will develop appropriate systems and processes to collect and report the required data.

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Schedule #4 Request for Amendment

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Part 1: Submitting an Amendment

This schedule is used to amend a grant application that has been approved by TEA and issued a Notice of Grant Award (NOGA). **Do not submit this schedule with the original grant application.** Refer to the instructions to this schedule for information on what schedules must be submitted with an amendment.

An amendment may be submitted by mail *or* by fax. Do not submit the same amendment by both methods. Amendments submitted via email will not be accepted.

If the amendment is mailed, submit three copies of each schedule pertinent to the amendment to the following address: Document Control Center, Grants Administration Division, Texas Education Agency, 1701 N. Congress Ave., Austin, TX 78701-1494.

If the amendment is faxed, submit one copy of each schedule pertinent to the amendment to either of the following fax numbers: (512) 463-9811 or (512) 463-9564.

The last day to submit an amendment to TEA is listed on the TEA Grant Opportunities page. An amendment is effective on the day TEA receives it in substantially approvable form. All amendments are subject to review and approval by TEA.

Part 2: When an Amendment Is Required

For all grants, regardless of dollar amount, prior written approval is required to make certain changes to the application. Refer to the "When to Amend the Application" guidance posted in the Amendment Submission Guidance section of the Grants Administration Division Administering a Grant page to determine when an amendment is required for this grant. Use that guidance to complete Part 3 and Part 4 of this schedule.

Part 3: Revised Budget

			A	B	C	D
#	Schedule #	Class/ Object Code	Grand Total from Previously Approved Budget	Amount Deleted	Amount Added	New Grand Total
1.	Schedule #8: Contracted Services	6200	\$	\$	\$	\$
2.	Schedule #9: Supplies and Materials	6300	\$	\$	\$	\$
3.	Schedule #10: Other Operating Costs	6400	\$	\$	\$	\$
4.	Schedule #11: Capital Outlay	6600	\$	\$	\$	\$
5.	Total direct costs:		\$	\$	\$	\$
6.	Indirect cost (%):		\$	\$	\$	\$
7.	Total costs:		\$	\$	\$	\$

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Schedule #4—Request for Amendment (cont.)

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Part 4: Amendment Justification

Line #	Schedule # Being Amended	Description of Change	Reason for Change
1.			
2.			
3.			
4.			
5.			
6.			
7.			

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Schedule #5—Program Executive Summary

County-district number or vendor ID: 102901

Amendment # (for amendments only):

List the campuses that will be served with these funds. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

George Washington Carver Elementary School

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary.

Karnack Independent School District is located in the Piney Woods of East Texas. Years ago there was a ammunition plant located in Karnack that employed several hundred people. At that time Karnack ISD was a vital part of the community and enjoyed the advantages of well-paying jobs being in the community. There was a high school and an elementary school that was thriving.

When that plant shut down Karnack main employer was gone. The closing all but shut down the community and many residents left to seek jobs elsewhere. Karnack ISD is now the major employer in the district with 52 employees. There are a few small businesses, restaurants, and bed and breakfasts that employ only a few people. Karnack now relies on pulp wood and tourism to provide local income.

Several years ago Karnack ISD was forced to partner with a neighboring school district to send our high school students because of very low enrollment. Karnack ISD is now a Headstart to eighth grade school. We now have a superintendent that serves as both the superintendent and the principal.

With that being said, Karnack has a 99.3% of the 148 students are economically disadvantaged. There are very few student households that can afford an internet connect. Because of this, research and homework with use of the internet is limited to school time. This is a handicap for the students in that valuable time at home is lost. This time could be used to not only make research and homework possible but also enhance instruction with the use of videos and blogs as well as other trends in technology.

Karnack ISD now enjoys a 1:1 Chromebook ration for eighth grade through second grade. First grade and kindergarten share a class set of Chromebook used in stations in the classrooms. Several of our Chromebook are coming to the end of their useful life for the advanced grades and need to be replaced.

The program that is being proposed is very simple but at the same time extremely beneficial to our students by having dedicated access to a personal technology device and internet access. The goal of the proposed project will ensure each student in fourth through eighth grade will succeed by providing more than just internet outside the classroom. Below is a step by step summary of this proposed program.

1. Purchase 60 replacement Chromebook with extended Wi-Fi capabilities for use with hotspots. These Chromebook came with a three year warranty and also are embossed with a Karnack ISD logo. A case will also be purchased for protection. The Chromebooks will be entered into the Karnack ISD's enterprise and managed by the technology director through the Google Administrative Portal.
2. Purchase 60 Kajeet Sentinel 4G LTE SmartSpots to go with each Chromebook. Each SmartSpot will come with a protective carrying case, power cord, instruction card, CIPA-compliant filters, education-only filters, access to cloud-based Sentinel portal, reporting and technical and account management support. Each device will have 500 MB per day internet access.
3. Each student in fourth through eighth grade will have an email account and a google drive for unlimited data storage and use of google apps for use with homework.
4. Instruction will be provided on the use of the Kajeet Sentinel SmartSpots to students and staff and also ways to successfully use the internet access to enhance classroom instruction and complete learning tasks. Instruction will also be given on how to use Google apps including Google Classroom and Google Hangout.

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Schedule#5—Program Executive Summary (cont.)

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

5. Student and staff training on internet security and usage and demonstrated grade level mastery of Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills (TEKS) before Chromebooks will be taken home.
6. A Technology Lending Agreement that includes and references and existing Responsible Use Policy and signed by the parents or guardian and by the student. The Technology Lending Agreement must provide that the Internet will be used solely for educational purposes by the student.
7. A parent and student meeting will be held to go over the program and have all agreements signed by all parties involved.

Technology devices create better students. With each student having access to a device, out teachers will be able to allow our students an engaging means to learn about subjects that might otherwise seem dull and boring. Computers help bring to life topics being studied through lecture and assignments. For instance, out science teachers use the the Chromebooks in the classroom to intereact with others in a real time to ask questions.

Researchers found that technology can lead to improvement in performance most notably in math, science, social studies and language arts. When using technology in the classroom, "at rick" students are able to demonstrate the following:

- Imporved attitude
- Improved confidence
- Improved writing skills

For these reasons Karnack ISD has chosen to implement the use of technology in all subjects. Our district seeks to use electronic instruction materials for all of our core subjects. We want our students to have access 24/7 access to equipment and tools they need to be successful. Since the overwhelming majority of our students are economically disadvantage, the district must provide access to the equipment and tools because the parents/guardians struggle to provide the necessities for their children. They simply cannot provide this type of equipment for their children. We believe that if we do not provide out students with these technology devices they will ball further behind.

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Schedule #6 Program Budget Summary

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Program authority: General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85th Texas Legislature; Texas Education Code Section, 32.301

Grant period: May 1, 2018, to August 31, 2019

Fund code: 410

Budget Summary

Schedule #	Title	Class/ Object Code	Program Cost	Admin Cost	Total Budgeted Cost
Schedule #8	Professional and Contracted Services (6200)	6200	\$13,000	\$0	\$13,000
Schedule #9	Supplies and Materials (6300)	6300	\$1,250	\$0	\$1,250
Schedule #10	Other Operating Costs (6400)	6400	\$0	\$0	\$0
Schedule #11	Capital Outlay (6600)	6600	\$35,750	\$0	\$35,750
Total direct costs:			\$50,000	\$0	\$50,000
15% indirect costs (see note):			N/A	\$0	\$0
Grand total of budgeted costs (add all entries in each column):			\$	\$0	\$50,000.00

Administrative Cost Calculation

Enter the total grant amount requested:	\$50,000
Percentage limit on administrative costs established for the program (15%):	× .15
Multiply and round down to the nearest whole dollar. Enter the result.	\$7,500
This is the maximum amount allowable for administrative costs, including indirect costs:	

NOTE: Indirect costs are calculated and reimbursed based on actual expenditures when reported in the expenditure reporting system, regardless of the amount budgeted and approved in the grant application. If indirect costs are claimed, they are part of the total grant award amount. They are not in addition to the grant award amount.

Indirect costs are not required to be budgeted in the grant application in order to be charged to the grant. Do not submit an amendment solely for the purpose of budgeting indirect costs.

If selected for a competitive grant, your award amount will be the lesser of the grand total of budgeted costs as stated on this schedule (the box with the bold outline), or the sum of all line items listed on this schedule, or the maximum allowable award amount. TEA is not responsible for math errors.

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Schedule #8—Professional and Contracted Services (6200)

County-district number or vendor ID: 102901

Amendment # (for amendments only):

NOTE: Specifying an individual vendor in a grant application does not meet the applicable requirements for sole-source providers. TEA's approval of such grant applications does not constitute approval of a sole-source provider.

Professional and Contracted Services

#	Description of Service and Purpose	Grant Amount Budgeted
1	Complete 500 Data Plan	13,000
2		\$
3		\$
4		\$
5		\$
6		\$
7		\$
8		\$
9		\$
10		\$
11		\$
12		\$
13		\$
14		\$
a. Subtotal of professional and contracted services:		\$13,000
b. Remaining 6200—Professional and contracted services that do not require specific approval:		\$0
(Sum of lines a and b) Grand total		\$13,000

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #9 – Supplies and Materials (6300)

County-District Number or Vendor ID: 102901		Amendment number (for amendments only):
Supplies and Materials Requiring Specific Approval		
		Grant Amount Budgeted
6300	Total supplies and materials that do not require specific approval:	\$1,250
Grand total:		\$1,250

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #10 - Other Operating Costs (6400)

County-District Number or Vendor ID: 102901		Amendment number (for amendments only):
Expense Item Description		Grant Amount Budgeted
6400	Operating costs that do not require specific approval:	\$0
Grand total:		\$0

In-state travel for employees does not require specific approval.

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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Schedule #11—Capital Outlay (6600)

County-District Number or Vendor ID: 102901

Amendment number (for amendments only):

#	Description and Purpose	Quantity	Unit Cost	Grant Amount Budgeted
66XX—Computing Devices, capitalized				
1	KaJeet SmartSpot	65	100	\$6,500
2	Chromebooks	65	\$350.00	\$22,750
3			\$	\$
4			\$	\$
5			\$	\$
6			\$	\$
7			\$	\$
8			\$	\$
9			\$	\$
10			\$	\$
66XX—Software, capitalized				
11			\$	\$
12			\$	\$
13			\$	\$
14			\$	\$
15			\$	\$
16			\$	\$
17			\$	\$
66XX—Equipment, furniture, or vehicles				
18	Cases for Chromebooks	65	\$100.00	\$6,500
19			\$	\$
20			\$	\$
21			\$	\$
22			\$	\$
23			\$	\$
24			\$	\$
25			\$	\$
26			\$	\$
27			\$	\$
Grand total:				\$35,750

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division Administering a Grant page.

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By TEA staff person:

Schedule #12—Demographics and Participants to Be Served with Grant Funds

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Part 1: Student Demographics of Population To Be Served With Grant Funds. Enter the data requested for the population to be served by this grant program. If data is not available, enter DNA. Use the comment section to add a description of any data not specifically requested that is important to understanding the population to be served by this grant program. Response is limited to space provided. Use Arial font, no smaller than 10 point.

Student Category	Student Number	Student Percentage	Comment
Economically disadvantaged	141	99.3%	
Limited English proficient (LEP)	12	8%	
Disciplinary placements	0	0%	
Attendance rate	NA	96.5%	
Annual dropout rate (Gr 9-12)	NA	DNA%	We have only grades PK – 8.

Part 2: Students To Be Served With Grant Funds. Enter the number of students in each grade, by type of school, projected to be served under the grant program.

School Type: ☒ Public ☐ Open-Enrollment Charter ☐ Private Nonprofit ☐ Private For Profit ☐ Public Institution

Students

PK	K	1	2	3	4	5	6	7	8	9	10	11	12	Total
19	19	13	18	15	10	16	14	7	12	0	0	0	0	143

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Schedule #13—Needs Assessment

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Part 1: Process Description. A needs assessment is a systematic process for identifying and prioritizing needs, with "need" defined as the difference between current achievement and desired outcome or required accomplishment. Describe your needs assessment process, including a description of how needs are prioritized. If this application is for a district level grant that will only serve specific campuses, list the name of the campus(es) to be served and why they were selected. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Karnack ISD is a one campus grades Headstart – eighth so therefore no prioritization of campuses was needed.

The needs assessment of Karnack ISD is based on academic information about all opur students in our school including economically disadvantaged students, students from all racial and ethnic groups, students with disabilities, limited English proficient students and any other subgroups present. The district establishes a planning team of educators, parents, community members, and businesss representatives who create a vision for schoolwide improvement, collect and analyze data to ensure that the learning needs of every student are met, and to prioritize those learning needs so that resouces can be provided in critical areas where gaps between current achievement and goals for improvemetn are the greatest.

Karnack ISD did a survey with the school administration and staff to find out what the needs for our district are from their vantage point. These findings were compiled and examined to determine what perceived needs are and also what future needs. The needs with the largest responses are listed first. With this survey the following needs were determined.

1. Staff development on how to effectively integrate technology into the classroom.
2. How to use a classroom management tool to handle assignments and interact with students in real time.
3. Technology training for students to use the tools available through Google and other computer apps.
4. Using technology in addition to classroom time for expanded learning.

Findings: The administration and staff felt they did not have the proper training to comfortably integrate technology in the classroom. They expressed that they have a desire to have this training and acknowledged the benefit it would have on student success. The main idea expressed is having the time for training and making it a priority in the district. They also expressed an overwhelming interest in using Google Classroom to aid in classroom instruction. Some teachers have use parts of the system and like how it improves the overall classroom experience.

Karnack ISD surveyed the students to find out what they felt their needs are. The following are the needs as determined by the survey.

1. Chromebooks available to use afterschool and at home.
2. Internet access at home for homework and school related research
3. Training on using Chromebooks, Wi-Fi and Google apps effectively
4. Training on how to find information needed for assignments

Findings: Students are wanting to have more computer time for assignments and research. Not only are they asking for more time but also instruction on how to use the Google tools and how to do effective research. They expressed a willingness to use the tools if provided.

Parents for students at Karnack ISD were also surveyed to determine what they felt their child needed from technology to be successful.

1. More time (afterschool and at home) on computer to complete assignments
2. Internet access at home to aid in research and assignments
3. Training for staff on home to integrate technology
4. A computer to use at home

Findings: The parents expressed that an overwhelming number of them have no internet access at home because of the cost factor and availability. This leads to frustration because they all acknowledged that Internet access at home would help their child and provide for more meaningful time for learning. There was also a feeling that the staff at Karnack ISD may not know how to use the technology and that training would be beneficial for everyone.

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By TEA staff person:

1.	Staff development on integration of technology in the classroom.	The benefits of technology in the class room include opportunities to: 1) Improve lectures, 2) Enhance the curriculum, 3) Provide visualization in a variety of formats, 4) Increase flexibility of presentations, 5) Share resources, 6) Enable demonstrations of complex concepts, 7) Increase engagement and interaction of students, 8) Increase student performance
2.	Students lack of achievement in core courses	By using up-to-date electronic instructional materials and technology devices our students will be engaged. Researchers have determined that technology can lead to improvement in core subjects. When using technology in the classroom, "at risk" students demonstrated the following: 1) Improved attitudes, 2) Improved confidence, 3) Improved writing skills. Also a more challenging, engaging, and independent lesson can be taught using technology.
3.	To extend learning beyond the school day by lending the devices and providing internet access.	Internet access that will be provided to students will be used to access programs, apps, and curriculum at home. This increase in time spent on learning will enable students to complete assignment and to excel in school
4.	Increase the number of students reading on grade level so that they will be ready to transition from learning to read to reading to learn	Students will have more time to practice reading skills by using the loaned devices at home to access the online reading programs made available through the school district and the state.
5.	Individual Plus Value (IPV) is the term used to measure a student's individual growth from one year to the next. The purpose of IPV's is to chart individual student growth.	Technology devices allow students to work at their own pace with curriculum specifically tailored to each student, and allow them to focus on areas where they need improvement. Our district looks at each student individually. The district wants to know if each student is showing growth from one year to the next. Each student is competing with his or her self to show improvement.

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By TEA staff person:

Schedule #14—Management Plan

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Part 1: Staff Qualifications. List the titles of the primary project personnel and any external consultants projected to be involved in the implementation and delivery of the program, along with desired qualifications, experience, and any requested certifications. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Title	Desired Qualifications, Experience, Certifications
1.	Superintendent	Certification in Mid-Management
2.	Director of Technology	Experience in setting up and managing a computer network as well as Wi-Fi, Chromebooks, and Google apps. Special abilities and skills necessary to supervise the infrastructure and equipment maintenance.
3.	Teachers	State certification for the subject and grade level being taught. An understanding of using technology to enhance learning is valuable.
4.	Instructional Aides	Skills and training in the automated checkout system for the technology equipment loaned to the students.
5.		

Part 2: Milestones and Timeline. Summarize the major objectives of the planned project, along with defined milestones and projected timelines. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Objective	Milestone	Begin Activity	End Activity
1.	Student Success	1. Begin training of students on the use of devices	6/1/2018	8/30/2018
		2. Training on use of core curriculum on devices	9/1/2018	10/30/2018
		3. Monitor use of Chromebooks in the classroom	9/1/2018	8/30/2018
		4. Provide internet access for students at home	8/1/2018	8/30/2018
		5. Parent/Student/Teacher survey of success	5/1/2019	5/20/2019
2.	Professional Development	1. Provide Professional Development on devices	8/1/2018	8/30/2018
		2. Provide PD on Google Products	8/1/2018	8/30/2018
		3. Provide PD on other useful apps for Chromebooks	8/1/2018	8/30/2018
		4. Provide training on Google Classroom	8/1/2018	8/30/2018
		5. Provide ongoing PD	9/1/2018	7/30/2019
3.	Provide chromebooks for students to checkout	1. Purchase Chromebooks	8/1/2018	8/15/2018
		2. Inventory Chromebooks	8/15/2018	8/25/2018
		3. Parent, student, teacher meeting to sign forms	8/25/2018	8/30/2018
		4. Begin Chromebook roll out	9/1/2018	9/10/2018
		5. On going evaluation of success	9/11/2018	7/30/2019
4.	Data collection and reporting	1. Design data collection instrument	5/15/2018	5/30/2018
		2. Monthly data collection for student success	9/1/2018	5/30/2019
		3. Disaggregate the data	9/1/2018	5/30/2019
		4. Make any changes and provide training as needed	9/1/2018	5/30/2019
		5. Submit evaluation on performance measures	9/1/2018	7/30/2019
5.	Overall project	1. Oversee technical support and maintenance	8/1/2018	7/30/2019
		2. Track all expenditures and report	8/1/2018	7/30/2019
		3. Maintain inventory	8/1/2018	7/30/2019
		4. Full implementation of program	9/1/2018	9/15/2018
		5. Ongoing evaluation	8/1/2018	7/30/2019

Unless pre-award costs are specifically approved by TEA, grant funds will be used to pay only for activities occurring between the beginning and ending dates of the grant, as specified on the Notice of Grant Award.

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Schedule #14—Management Plan (cont.)

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Part 3: Feedback and Continuous Improvement. Describe the process and procedures your organization currently has in place for monitoring the attainment of goals and objectives. Include a description of how the plan for attaining goals and objectives is adjusted when necessary and how changes are communicated to administrative staff, teachers, students, parents, and members of the community. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Glenn Hicks will be the Technology Lending Program Director. He will be responsible for all internal/external communications, coordination with the district and reporting of grant activities.

In each program that is operated by Karnack ISD a check list of required and needed goals and objective completion dates are compiled along with how that completion will be measured and evaluated. Depending on the scope of the program weekly, monthly or quarterly milestones are created to insure that the program is operating as intended. These milestones are created using SMART (Specific, Measurable, Achievable, Relevant, and Time bound) goals. If for some reason the milestones are not met an investigation is done to find out why and what needs to be done to get back on track. All parties will be notified of the changes and the checklist amended to reflect such changes as deemed necessary. This process is done throughout the entire program. When a program is completed then a final evaluation is completed with the original goals and objectives examined. A written summary is prepared and distributed stating how the project was done and who the project reached the intended goals and objectives.

Part 4: Sustainability and Commitment. Describe any ongoing, existing efforts that are similar or related to the planned project. How will you coordinate efforts to maximize effectiveness of grant funds? How will you ensure that all project participants remain committed to the project's success? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Karnack ISD being a small school district has all participants committed to the project. The love technology and are using devices now. They use them as often as possible.

Karnack ISD does not have a program similar to this at the present time. The closest program that Karnack ISD has is the 21st Century ACE program. The program is an afterschool program for students. It is intended for homework help as well as hands on learning. The program is overseen by a Project Director and a Site Coordinator. Resources are purchased and utilized as effectively as possible and reused as much as possible. The project management and the school administration work closely so that resources are not duplicated. Mutually agreed upon milestones were created to make sure that the ACE program is on target and operating within the guidelines of the grant. The ACE program is dedicated to making a difference in each child's life and meeting the needs of that student at the level that is needed. Staff training is held monthly to examine data about the students and the program and input from all participants is discussed in implemented if appropriate.

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Schedule #15 – Project Evaluation

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Part 1: Evaluation Design. List the methods and processes you will use on an ongoing basis to examine the effectiveness of project strategies, including the indicators of program accomplishment that are associated with each. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

#	Evaluation Method/Process	Associated Indicator of Accomplishment	
1.	Lending Procedures	1.	Access for all students in grade 4 - 8
		2.	Student/Parent Program meeting evaluation
		3.	Campus improvement committee meetings
2.	Maintenance procedures	1.	Availability of technology personnel
		2.	Time to return computer to available check out system
		3.	Logs of maintenance types and costs
3.	Student Success	1.	Grades of all students check out devices checked at end of 6 weeks
		2.	Timely completion of assignments
		3.	Student achievement results
4.	Surveys	1.	Teachers for effectiveness of the lending program
		2.	Student/Parent Program evaluations
		3.	Ease of use to be included in surveys
5.	Check-in and Check-out	1.	Educational aide survey
		2.	Logs of numbers and devices checked-in and checked-out
		3.	Implementation of changes on an as needed basis

Part 2: Data Collection and Problem Correction. Describe the processes for collecting data that are included in the evaluation design, including program-level data such as program activities and the number of participants served, and student-level academic data, including achievement results and attendance data. How are problems with project delivery to be identified and corrected throughout the project? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

It is the intent of this program to impact student learning and overall student success in the classroom. Teachers will document assignments assigned to students in fourth through eighth grades that use technology for completion and how each student performed on each assignment. Both teachers and students will be surveyed to evaluate how effectively technology is being used and what steps can be taken to improve its usage.

Teachers will be challenged to integrate more and more technology as the year progresses and student competence is gained. At the beginning small steps will be taken and then increased as student success is observed. Those students having problems will be identified and given individual help as needed. With students successfully completing assignments the natural conclusion would be that grades would go up and be maintained at a higher level and that attendance would increase with students feeling better about themselves and their grades.

The district annually purchases DMAC, a data management system, to monitor student academic performance, teacher evaluation, and school improvement plans. Data collected in DMAC are analyzed by teachers and administrators in the district to monitor individual student academic performance and campus goals and objectives. Administration will review reports and compare usage to academic performance and attendance. Any problems that are found will be discussed by teachers, administrators and parents if necessary.

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Schedule #16—Responses to Statutory Requirements

County-district number or vendor ID: 102901

Amendment # (for amendments only):

Statutory Requirement 1: Applicant must describe the availability of existing equipment to students in the LEA and other funding available for the purchase of student technology devices. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Karnack ISD now has a 1:1 ration of Chromebooks to students from second to eighth grades. These Chromebooks were purchased with district funds over the last four years. They have been operating fine for several years. Many have been used hard and need to be replaced with Chromebooks that have more capabilities. The Chromebooks that are replaced with new are going to be passed down to lower grades. In doing this all grades Kindergarten through eighth will have a 1:1 Chromebook ratio.

Karnack ISD, like most other rural schools, is having to prioritize funding and expenditures. There is little money to be spent on student technology. Although there is a desire to have the very best for our students, funding is very limited. We are very appreciative with the number of Chromebooks that we have and will make the best of what we have. We are driven to allow our students the best educational environment that can be had. Local funding is limited so grants are being sought to provide the best for our precious children and to give them every chance to be successful.

The grant will be used to purchase Chromebooks and personal hotspots. The personal hotspots will be issued to the students to allow for internet access at home that will allow them to continue their learning beyond the classroom. Any repairs will be handled in house or sent for repairs according to manufactures procedures. All students are required to sign an Acceptable Use Policy. This policy is signed by students as well as their parents/guardians. This policy must be signed each year. Once the policy is signed by all parties and returned to the school, the student's account for the internet access hotspot and the Chromebook will be activated. The devices will be issued for the duration of the school year. Monthly checks will be made as to the condition of devices, updates and usage will be done. With the management console the technology department will set up apps updates, emails and other student accounts. Setting up accounts will prevent unauthorized use of the Chromebook by others logging into the device and possibly damaging the device. With each Chromebook, students will be issued a protective case.

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Schedule #17—Responses to TEA Program Requirements

County-district number or vendor ID: 102901

Amendment # (for amendments only):

TEA Program Requirement 1: Describe how the technology lending program aligns with the existing mission and goals for the LEA. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Karnack ISD has a mission statement that says "Our mission is to educate our students to become life-long learners and productive citizens while building positive relationships". We want to give our students the knowledge to use every tool possible to advance learning not only now but for the rest of their lives. We also want them to contribute to the betterment of their surroundings by being productive with what they know and an understanding of how to solve complex problems. Getting along and working as a team is important in the pursuit of a successful life and relationships.

Our vision statement is "At Karnack ISD, we will serve, motivate, prepare, and equip all students for their global future". It is the duty of Karnack ISD to provide for our students learning at all costs. We have a responsibility to mold these young lives into future adults that will gladly take up the mantle passed on to them and thrive. With this in mind the administration and staff are determined to use creativity, imagination, common sense, and hard work to have the best possible environment to students to climb to the highest knowledge and skills possible for each student.

Our slogan for this year that is "Camp Learn-a-Lot". The administration and staff are dedicated to providing the best conditions for learning that we can possibly afford. We have all joined together in collaboration and determination to think outside the box, inside the box and everywhere else to make things happen for the learning to take place.

The primary mission of our school district is to provide educational opportunities that will allow each student to reach his or her full potential in academics as well as life and transitioning into a productive citizen. Research has shown that parental involvement is a critical component in achieving the goal of full academic achievement for all students. Our district will use this grant to develop a stronger partnership between school and home by involving parents in supervision of student home online instruction and internet use. Increased opportunities and time for learning through electronic instructional materials used at home will reinforce learning and enhance academic performance.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 102901

Amendment # (for amendments only):

TEA Program Requirement 2: Describe a plan for providing internet access to student residences, residential centers, and/or on the buses that transport students (for whom a single ride lasts, on average, at least an hour) with the highest need for off-campus internet access. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Karnack ISD is determined to equip out students with devices because we recognize that in order to effectively close in instructional gap in our economically disadvantaged population of students. These students need to be encouraged to engage in classroom activities.

With 99.3% of our students economically disadvantaged it is clear the vast majority of the students have many great needs. The size of our district and the scope of this grant will enable us to prioritize each student and provide them with a technology device. Residential internet access devices will be available for all students in grades 4 – 8.

Residential access will be provided to students because of the great need because of economic situations. All of our students are in desperate need of internet access at home because of the lack of funds to be able to afford connectivity.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 10291

Amendment # (for amendments only):

TEA Program Requirement 3: Describe how the lending program aligns with current curriculum, instruction, and classroom management policies and/or practices on its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

This grant will allow our students to have access to digital content used during the school day outside of regular school hours. As many of the new textbooks being adopted have much of the content accessed digitally by Wi-Fi devices and Chromebooks would allow students to continue to participate outside of school and access schoolwork in the evening and on weekends.

In addition, Karnack ISD is a Google Apps for Education district and all classes utilize the array of Google tools such as Google Drive, Google Calendar, Google Mail, Google Docs, Google Sheets, Google Slides as well as Google browser. By giving all students the opportunity to utilize these tools beyond the school day the learning and collaboration can be extended beyond the traditional classroom. Students are already accustomed to working on projects and assignments with others through Google tools; this will allow that work to continue and expand.

Some teachers are using Google Classroom and have had some success. With this grant this can be increased and utilized to a larger degree. Teacher will continue to use Google Classroom in the classroom and in that often students need additional time besides the set schedule in classes. The lending grant would give students that additional time to create digital products. 21st century learning from using digital tools to online collaboration to project-based learning all can occur in our district. Adding the ability of students to increase their access to the internet will allow students to continue work on these 21st century skills while learning content and creating quality work.

TEA Program Requirement 4: Describe how the applicant is using digital instructional materials in one or more foundation curriculum subject area(s) for one or more grade level(s). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Karnack ISD is using electronic instruction in reading, math, social studies, and science in all grade levels. Programs include Study Island, Reading Eggs, Gizmos, Reflex Math, Think Through Math, Starfall Prereading Skills, Speakaboos and Odyssey to name a few.

Students use iStation for reading in grades PreK-8; Think through Math in grades 3-8; Study Island or math, science, and reading in grades 2-8.

The process of learning in the classroom and beyond can become significantly richer as students have access to new and different types of information. This information can be manipulated with Chromebooks through graphic displays and controlled experiments in ways never before possible. The results and conclusions can be communicated in a variety of media to their teacher, students in the next classroom, or students around the world.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 102901

Amendment # (for amendments only):

TEA Program Requirement 5: Describe how the infrastructure and technical support is adequate to support students' anticipated use of devices through the grant at its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

All Chromebooks and devices purchased with grant funds will be supported by our Technology Department with procedures that are currently being used. The Technology Department has the responsibility of maintaining the infrastructure and equipment needed to support the growing use of technology in our district. They will be responsible for providing technical support to teachers, students, and parents involved in this grant.

Students needing assistance will notify their teacher and send and the teacher will email to the technology department, if during the school day. If the teacher is notified and unable to assist with correcting the problem a work order will be submitted by the teacher on the student's behalf. If the Technology Department finds the device to be unrepairable, manufactures warranty will be contacted for the next step to get the device repaired.

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Schedule #17—Responses to TEA Program Requirements (cont.)

County-district number or vendor ID: 102901

Amendment # (for amendments only):

TEA Program Requirement 6: Describe how the grant will be administered on participating campus(es), including a description of how the check-out and check-in process will operate, who will oversee the check-out process, especially in cases of competing need, and the process that will be used to maintain the technology lending equipment in proper working condition. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Equipment will be checked out through our technology department just like library books. A program will be developed that will ensure proper management of the devices and services provided by the lending program. All students will be required to have a completed Acceptable Use Policy and Lending Program Agreement signed by themselves and their parent/guardian. These agreements will outline the goals and procedures of this program. The Lending Program Agreement will include information about consequences of missing or inappropriately using devices along with the General Use guidelines for the devices and the school's wireless network. Safety precautions will be outlined for staff and parents monitoring of the Chromebooks. Since the Lending Program is designed to check out Chromebooks to each student all year long our Technology Department will create a chart with all critical information to follow the data of the device. Throughout the school year teachers will be performing routine monthly check on the Chromebook and hotspot device. During our student/parent informational meeting students will be instructed to notify their teachers of any issues they might experience. If the teacher is unable to troubleshoot the device they will notify the Technology department by email.

TEA Program Requirement 7: Describe how technology lending equipment will be accounted for per local policy, including providing insurance, if appropriate. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Currently, Karnack ISD does not require insurance for the technology equipment used by students and does not plan to require insurance for the technology equipment purchased in this grant.

The technology department will be responsible for the inventory of the electronic devices as they arrive from the seller. A copy of this inventory will be given to the Project Director. All devices will be identified with asset tags, ownership labels, and internal identification to facilitate tracking. Tampering or removal of identification or tags is a violation of Karnack ISD's acceptable use policy. If the property is lost or damaged, lost or stolen, students will be responsible for making a report. Loss or theft of the property must be reported to the Technology Department by the next day after the loss is discovered. The student will exercise all reasonable care in the use of and handling of the Chromebook and associated peripherals and agree to return the equipment in good condition. If the student does not fully comply with the terms of the Agreement and the Parent/Student Technology Lending Handbook. Including timely return of District equipment. The District shall be entitled to declare the student in default and go to the student's place of residence, or other location to take possession of the property or file a police report for stolen property. Spot inspections of all devices will occur regularly and without notice. Students with damaged equipment who fail to report the damage will be subject to fines and/or disciplinary action. District policy says that an inventory will be taken at the beginning and end of each school year.

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